



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of	)	
	)	
David Maldonado	)	For: <b>MULTIPLE BANDWIDTH PHASE</b>
	)	<b>LOCK LOOP FILTERS FOR</b>
	)	<b>MULTIMODE RADIOS</b>
Serial No. 10/060,547	)	
	)	Examiner: <b>Kimberly E. Glenn</b>
Filed: January 29, 2002	)	
	)	Group No. <b>2817</b>

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicants submit herewith, in accordance with 37 CFR § 1.98, the patents, publications and other information listed on the enclosed Form PTO-1449.

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**CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))**

I hereby certify that this correspondence is, on the date shown below, being:

**MAILING**

- ☒ deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**FACSIMILE**

- ☐ transmitted by facsimile to the Patent and Trademark Office.

Depositor's Name: Keely Culver

Signature: Keely Culver

Date: November 11, 2003

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The references submitted herewith are those of which Applicants are aware, which they believe may be material to the examination of this application and, with respect to which there may be a duty to disclose in accordance with 37 CFR § 1.56. While the references identified may be material to the examination of this application pursuant to 37 CFR § 1.56, the citation of these references is not intended to constitute an admission that any reference referred to herein is prior art to the invention of this application, unless specifically designated as such. Additionally, the filing of this Information Disclosure Statement shall not be construed to mean that any search has been made or, that if made, such search was complete or exhaustive, or that no other material information as defined in 37 CFR § 1.56 exists.

- ☒ The undersigned hereby certifies that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three month prior to the filing of this Information Disclosure Statement, therefore, no fees are believed to be due.

Also enclosed for your convenience is a copy of the International Search Report.

A list of the references is set forth on Form PTO-1449, which is enclosed herewith, along with a copy of each cited reference. Applicants respectfully request that the Examiner return to Applicants a copy of the Form PTO-1449 indicating consideration of the references cited thereon.

Applicants do not believe that any fees are due. If, however, it is determined that fees are owed, Applicants hereby authorize that such fees be charged to Deposit Account No. 17-0026.

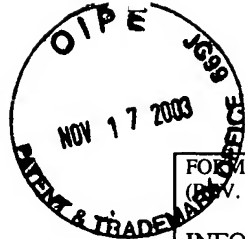
Respectfully submitted,

Dated: November 11, 2003

By: 

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 7-80) PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>  DATE MAILED: November 11, 2003	ATTY. DOCKET NO. 010222	SERIAL NO. 10/060,547
	APPLICANT David Maldonado	
	FILING DATE January 29, 2002	GROUP 2817

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
	A1	6 0 5 7 7 3 9	05/02/00	Crowley et al.	331	14	
	A2	5 5 4 8 8 2 9	08/20/96	Suzuki et al.	455	180.3	
	A3						
	A4						
	A5						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
	B1	0 6 6 4 6 1 7 A2	01/13/95	EP	Japan Radio Co., Ltd.	H03L	7/183
	B2						
	B3						
	B4						
	B5						
	B6						
	B7						

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

	C1	
	C2	
EXAMINER		DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		